

**INFORMATION DISCLOSURE STATEMENT LISTING SHEET**

**Information Cited By Applicant(s) That May Be Material To  
The Prosecution Of The Subject Application**

Applicants: Call et al. Attorney Docket No. MESO0072  
Serial No.: 10/790,936 Group Art Unit: 3654  
Filed: March 1, 2004 Examiner: Matthews, Terrell Howard  
Title: METHODS AND DEVICES FOR CONTINUOUS SAMPLING OF AIRBORNE PARTICLES USING A REGENERATIVE SURFACE

**U.S. PATENT DOCUMENTS**

*Examiner Initial	ID	Document No.	Date	Inventor Name(s)	Class	Sub-Class
	US1	3,001,914	09/1961	Andersen	435	30
	US2	3,518,815	07/1970	McFarland et al	73	863.22
	US3	3,633,405	01/1972	Noll		
	US4	3,760,630	09/1973	Brumbaugh	73	28.05
	US5	3,901,798	08/26/1975	Peterson	209	143
	US6	3,922,905	12/1975	Roth, Thomas P	73	28.04
	US7	3,972,226	8/1976	Rountree et al.		
	US8	3,997,297	12/14/1976	Jenkins et al.	23	232E
	US9	4,111,049	09/05/1978	Lerner et al.	73	421.5R
	US10	4,301,002	11/1981	Loo	209	143
	US11	4,473,384	09/1984	Lefkowitz	55	290
	US12	4,580,440	04/08/1986	Reid et al.	73	23
	US13	4,670,135	06/02/1987	Marple et al.	209	143
	US14	4,697,462	08/06/1987	Daube, Jr. et al.		
	US15	4,764,186	08/16/1988	Langer		
	US16	4,767,524	08/30/1988	Yeh et al.	209	143
	US17	4,820,920	04/11/1989	Bather	250	282
	US18	4,941,899	07/17/1990	Liu		
	US19	4,942,297	07/17/1990	Johnson et al.		
	US20	4,961,966	10/1990	Stevens et al.	427	299
	US21	4,990,740	02/05/1991	Meyer		
	US22**	5,039,490	08/13/1991	Marsoner et al.		
	US23	5,040,424	08/20/1991	Marple et al.		
	US24**	5,063,164	11/05/1991	Goldstein		

## **U.S. PATENT DOCUMENTS**

<u>*Examiner Initial</u>	<u>ID</u>	<u>Document No.</u>	<u>Date</u>	<u>Inventor Name(s)</u>	<u>Class</u>	<u>Sub-Class</u>
	US25	5,128,539	07/07/1992	Rodgers et al.		
	US26	5,254,861	10/19/1993	Carpenter et al.		
	US27	5,299,141	03/29/1994	Hungerford et al.	364	510
	US28	5,304,125	04/1994	Leith, David H.	604	57
	US29	4,961,966	04/1994	Stevens et al	427	299
	US30	5,412,975	05/09/1995	Raabe et al.		
	US31	5,425,802	06/20/1995	Burton et al.		
	US32	5,472,645	12/05/1995	Rock et al.		
	US33	5,498,271	03/12/1996	Marple et al.		
	US34	5,512,216	04/30/1996	Rock et al.		
	US35	5,533,406	07/09/1996	Geise	73	863.22
	US36**	5,553,795	09/10/1996	Tsai et al		
	US37	5,585,575	12/17/1996	Corrigan et al.	73	863.71
	US38	5,760,314	06/02/1998	Bromberg et al.	73	863.21
	US39	5,776,754	07/07/1998	Caldwell	435	240.2
	US40	5,786,894	07/28/1998	Shields et al.	356	338
	US41	5,932,795	08/1999	Koutrakis et al.	73	28.01
	US42	5,949,001	09/1999	Willeke	73	865.5
	US43**	6,024,923	02/2000	Melendez et al		
	US44	6,062,392	05/2000	Birmingham et al.	209	143
	US45	5,304,125	08/2000	Leith, David H.	604	67
	US46	6,101,886	08/2000	Brenizer et al.	73	863.23
	US47	6,110,247	08/29/2000	Birmingham et al.	55	442
	US48	6,125,845	10/2000	Halvorsen et al.	128	200.24
	US49	6,101,886	08/2000	Brenizer et al.	73	863.23
	US50	6,194,731	02/2001	Jeys et al.	250	461.2
	US51	6,346,002	05/2001	Carver et al.	604	183
	US52	6,217,636 B1	06/2001	McFarland	95	216
	US53	6,240,768	06/2001	Lemmonier, Jean	73	28.05
	US54	6,267,016	07/2001	Call et al.		
	US55	6,276,016	08/2001	Springer	14	71.1
	US56	6,284,025	09/2001	Kreisberg et al.	95	267
	US57	6,324,927	12/04/2001	Ornath et al.	73	863.11
	US58	6,334,365	01/01/2002	Linker et al.	73	864.81
	US59	6,363,800	04/2002	Call et al.		
	US60	6,435,043	08/2002	Ferguson et al.	73	863.22
	US61	6,573,836	06/2003	Gitis et al.	340	603
	US62	2004/0028561	02/2004	Daugherty et al.	422	99
	US63	6,695,146	02/2004	Call et al.	73	863.22
	US64**	6,707,539	03/2004	Selinfreund et al.		

### FOREIGN PATENT DOCUMENTS

<u>*Examiner Initial</u>	<u>ID</u>	<u>Document No.</u>	<u>Publication Date</u>	<u>Country</u>	<u>Class</u>	<u>Sub-Class</u>	<u>Translation?</u>
	F1	626,191	08-31-1927	France			
	F2	1,310,193	09-06-1934	Germany			
	F3	2,260,729	05-09-1974	Germany			
	F4	0,543,108 A1	05-25-1993	EPO			
	F5	WO 98/58725	12-30-98	PCT	B01D45	08	
	F6	59196713	11/1984	Japan	B01D46	00	

### OTHER INFORMATION

<u>*Examiner Initial</u>	<u>Document No.</u>	<u>Document Information</u>
	O1**	Carrano, John. " <i>Ultraviolet Light.</i> " Spie's Oe magazine, June 2003, pgs. 20-23..
	O2**	Cassarly, William. " <i>Taming Light.</i> " " <i>Non-imaging optical systems focus on transferring light efficiently and controlling its distribution.</i> " Oe magazine, 7pp. < <a href="http://www.oemagazine.com/fromTheMagazine/dec02/taminglight.html">http://www.oemagazine.com/fromTheMagazine/dec02/taminglight.html</a> >
	O3**	Cousins, Daniel. " <i>Biodefense of Passenger Aircraft.</i> " Biodefense Systems Group, MIT Lincoln Laboratory. Presented at FAA Center of Excellence. 23pp.
	O4**	Foot, Virginia, E., et al. " <i>Characterising single airborne particles by fluorescence emission and spatial analysis of elastic scattered light.</i> " Defence Science and Technology Lab. (United Kingdom) 2pp, 2005 COPYRIGHT SPIE-The international Society for Optical Engineering. < <a href="http://spiedl.aip.or/GetabsServlet?prog=normal&amp;id=PSISDG00561700000....">http://spiedl.aip.or/GetabsServlet?prog=normal&amp;id=PSISDG00561700000....</a> >
	O5**	Frye-Mason, Greg et al. " <i>Novel fluorescence-based integrated sensor for chemical and biological agent detection.</i> " Nomadics, Inc. (USA) 2pp, 2005 Copyright SPIE-The international Society for Optical Engineering. < <a href="http://spiedl.aip.or/GetabsServlet?prog=normal&amp;id=PSISDG00561700000....">http://spiedl.aip.or/GetabsServlet?prog=normal&amp;id=PSISDG00561700000....</a> >
	O6**	Huston, Alan, L., et al. " <i>Optical classification of bioaerosols using UV fluorescence and IR absorption spectroscopy.</i> " Naval Research Lab. (USA) 2pp, 2005 Copyright SPIE-The international Society for Optical Engineering. < <a href="http://spiedl.aip.or/GetabsServlet?prog=normal&amp;id=PSISDG00561700000....">http://spiedl.aip.or/GetabsServlet?prog=normal&amp;id=PSISDG00561700000....</a> >
	O7**	Jeys, T.H., L., et al. " <i>Development of UV LED based biosensor.</i> " SPIE Vol 5071, 2003 Copyright SPIE., pp. 234-240.

## OTHER INFORMATION

<u>*Examiner</u>	<u>Document</u>	
<u>Initial</u>	<u>No.</u>	<u>Document Information</u>
	08**	Kaye, Paul, H., et al. " <i>A low-cost multi-channel aerosol fluorescence sensor for networked deployment.</i> " University of Hertfordshire (UK) and Defence Science Technology Lab (UK) 11pp, 2005 Copyright SPIE-The international Society for Optical Engineering. < <a href="http://spiedl.aip.or/GetabsServlet?prog=normal&amp;id=PSISDG00561700000....">http://spiedl.aip.or/GetabsServlet?prog=normal&amp;id=PSISDG00561700000....&gt;</a>

---

Examiner's Signature

Date

\*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*\*Documents cited herein marked with an “\*\*” have not previously been cited in a priority application relied upon herein for an earlier filing date. Copies of any so-noted Foreign Patent Documents and Other Information are enclosed for the Examiner's use.

MCK:ca  
9/5/06